

AMENDMENTS TO THE CLAIMS

1. (Cancelled)
2. (Currently Amended) The device according to claim 13,
~~characterized in that~~ wherein the ultrasonic head is an
ultrasonic transducer.
3. (Currently Amended) The device according to claim 13,
~~characterized in that~~ wherein the ultrasonic head is a pure
ultrasonic transmitter ~~to which~~ and further including an
ultrasonic receiver ~~is assigned~~ on the opposite flat side of
the flat conductor cable operatively associated with the
ultrasonic transmitter.
4. (Currently Amended) The device according to claim 13,
~~characterized in that~~ wherein the ~~displaceable~~ ultrasonic head
is an ultrasonic head that is displaceable crosswise to the
longitudinal direction of the flat conductor cable, and the
ultrasonic head ~~provided with~~ includes a position sensor.
5. (Currently Amended) The device according to claim 13,
~~characterized in that~~ wherein the flat conductor cable is

guided with its flat side across the ultrasonic head either making contact with it or at a short distance thereto.

6. (Currently Amended) The device according to claim 13, ~~characterized in that the device is provided with further~~ comprising a guiding device ~~that comprises including~~ an interior space, ~~is located inside the water bath and is filled with water, and a slot that extends crosswise to the longitudinal direction;~~
~~the guiding device is provided with a slot,~~
wherein the flat conductor cable is guided across ~~this~~ the slot so as to make contact or at a short distance thereto, further wherein ~~and that the slot extends crosswise to the longitudinal direction and~~ the ultrasonic head is arranged inside the interior space of the guiding device and transmits the ultrasonic waves in the direction of the slot.
7. (Currently Amended) The device according to claim 6, ~~characterized in that~~ wherein the guiding device is essentially closed except for the slot and ~~is provided with~~ includes an opening or a pipe section through which water ~~can be forced~~ is forceable into the interior space of the guiding device.

8. (Currently Amended) The device according to claim 13, ~~characterized by~~ further comprising an additional measuring device ~~for detecting or measuring~~ adapted to detect or measure one side edge or both side edges of the flat conductor cable.
9. (Currently Amended) The device according to claim 13, ~~characterized in that~~ wherein the ultrasonic head comprises an ultrasonic head that is displaceable crosswise to the longitudinal direction of the flat conductor cable ~~or the ultrasonic heads is (are) embodied so as to be displaceable by~~ being and the ultrasonic head is mounted rigidly on a displaceable slide or arranged inside a displaceable guiding device.
10. (Cancelled)
11. (Currently Amended) The method according to claim ~~10~~ 14, ~~characterized in that~~ further comprising the steps of evaluating the reflected ultrasonic echo ~~is evaluated as A-scan and/or as amplitude image and is displayed~~ displaying the reflected ultrasonic echo as function of the transverse direction of the flat conductor cable.

12. (Cancelled)

13. (New) A device for measuring at least one dimension of an extruded flat conductor cable, the device being located in a water bath downstream of an extruder, comprising:

an ultrasonic head arranged in the water bath such that the flat conductor cable is guided with one of its flat sides essentially perpendicular across the ultrasonic head, the ultrasonic head being adapted to measure at least one dimension of the extruded flat conductor cable, wherein:

a) the ultrasonic head comprises an ultrasonic head that is displaceable crosswise to the longitudinal direction of the flat conductor cable, or

b) the ultrasonic head comprises a stationary ultrasonic element row that extends substantially crosswise to the longitudinal direction of the flat conductor cable.

14. (New) A method for measuring at least one dimension of an extruded flat conductor cable by measuring the flat conductor cable in a water bath after it leaves an extruder, comprising:

emitting sound waves from at least one ultrasonic head substantially perpendicularly onto at least one side of the flat conductor cable; and

measuring the at least one dimension based on at least one reflected ultrasonic echo; wherein:

a) the ultrasonic head is displaceable crosswise to the longitudinal direction of the flat conductor cable, or

b) the ultrasonic head is a stationary ultrasonic element row that extends across the width of the flat conductor cable.

15. (New) The method according to claim 14, wherein the ultrasonic head is either an ultrasonic transducer or a pure ultrasonic transmitter, and the method further includes providing an ultrasonic sensor operatively associated with the ultrasonic transmitter on the opposite side of the flat conductor cable.

16. (New) The method according to claim 14, further comprising:
displacing the ultrasonic head crosswise to the longitudinal direction of the flat conductor cable during the measuring operation; and

detecting the position of the ultrasonic head relative to a reference edge of the flat conductor cable.

17. (New) The method according to claim 14, further comprising

the step of guiding the flat conductor cable with its flat side across the ultrasonic head, such that the flat side makes contact with the ultrasonic head or is disposed at a short distance to the ultrasonic head.

18. (New) The method according to claim 14, further comprising the steps of:

providing a guiding device comprising an interior space, and a slot that extends crosswise to the longitudinal direction, wherein the ultrasonic head is located in the interior space;

guiding the flat conductor cable across the slot such that the flat conductor cable either contacts the slot or is disposed at a short distance to the slot; and

transmitting ultrasonic waves from the ultrasonic head in the direction of the slot.